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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET

1

OF

2

### Complete if Known

Application Number: 10/034,727

Filing Date: 12/26/2001

First Named Inventor: M. Seul, et al.

Group Art Unit:

Examiner Name:

Attorney Docket Number: GEL

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
M	US 2002/0166766 A1		Seul et al.	11/14/2002
I	US 2003/0082587 A1		Seul et al.	5/1/2003
	US 6,251,691 B1		Seul	6/26/2001
AM	5,770,721		Ershov et al.	7/23/1998

## FOREIGN DOCUMENTS

Examiner Initials	Foreign Patent Documents			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
	Office	Number	Kind Code (if known)			
M		WO 01/98765 A1		BioArray Solutions	12/27/2001	
M		WO 97/40385 A1		Seul	10/30/1997	

Examiner Signature		Date Considered	06/11/05
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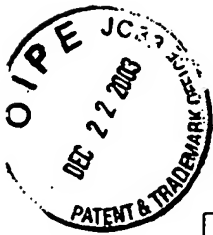
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# OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).	T 2
		Y. IWAYAMA, et al. "Optically Tunable Gelled Photonic Crystal Covering Almost the Entire Visible Light Wavelength Region." Langmuir, 2002.	
		S.R. Dziennik, et al. "Nondiffusive mechanisms enhance protein uptake rates in ion exchange particles." PNAS, 2003: 420-425. Vol. 100, No. 2.	
		A. HATCH, et al. "Diffusion Immunoassay in Polyacrylamide Hydrogels." Micro Total Analysis Systems, 2001: 571-572.	
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		P. KRSKO et al. "Electron-Beam Surface-Patterned Poly(ethylene glycol) Microhydrogels". Langmuir, 2003: 5618-5625. Vol. 19.	
		P. GHOSH, et al. "A Simple Lithographic Approach for Preparing Patterned, Micron-Scale Corrals for Controlling Cell Growth." Angew. Chem. Int. Ed., 1999: 1592-1595. Vol. 38, No.11.	
		W-G. KOH, et al. "Poly(ethylene glycol) Hydrogel Microstructures Encapsulating Living Cells." Langmuir, 2002: 2459-2462. Vol. 18.	
		W-G. KOH, et al. "Molding of Hydrogel Microstructures to Create Multiphenotype Cell Microarrays." Analytical Chemistry, 2003.	
		C. BANDEIRA-MELO et al. "EliCell: a gel-phase dual antibody capture and detection assay to measure cytokine release from eosinophils." Journal of Immunological Methods, 2000: 105-115. Vol. 244.	
		One Cell Systems Product Information. <a href="http://www.onecell.com/AboutUs.htm">http://www.onecell.com/AboutUs.htm</a>	
		Sentek Group, Inc. Product Information. <a href="http://www.sentekgroup.com/glucoview.htm">http://www.sentekgroup.com/glucoview.htm</a>	
Examiner Signature		Date Considered	6/16/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete, if Known	
	<b>Application Number:</b> 10/034,727	
(Use as many sheets as necessary)	<b>Filing Date:</b> 12/26/2001	
	<b>First Named Inventor:</b> M. Seul, et al.	
	<b>Group Art Unit:</b>	
	<b>Examiner Name:</b>	
SHEET <input type="text" value="1"/> OF <input type="text" value="1"/>	<b>Attorney Docket Number:</b> GEL	

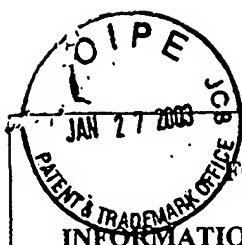
Examin er Initials	U.S. Documents		U.S. Patent Document/Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	2002/0166766 A1		Seul, et al	11/14/2002
	2003/0082587 A1		Seul, et al	05/01/2003
	6,251,691 B1		Seul	06/26/2001
	5,770,721 A		Ershov et al	06/23/1998

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		WO 01/98765 A1		BioArray Solutions	12/27/2001	
		WO 97/40385 A1		Seul	10/30/1997	

Examiner Signature		Date Considered	
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## INFORMATION DISCLOSURE CITATION

Attorney Docket:

42970-9

Serial No.:

10/034,727

Applicant:

BANERJEE et al.

Filing Date:

December 26, 2001

Group Art Unit:

1641

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
M	5,281,370	01/25/1994	Asher et al.			
	5,770,721	06/23/1998	Ershov et al.			
	5,552,270	09/03/1996	Khrapko et al.			
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M	6,143,499	11/07/2000	Mirzabekov et al.			

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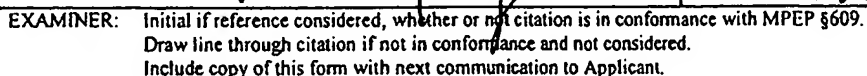
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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
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M	Beebe, D. J. et al. "Functional hydrogel structures for autonomous flow control inside microfluidic channels", Nature, Vol. 404, pp. 588-590

Examiner	<i>[Signature]</i>	Date Considered	5/20/05
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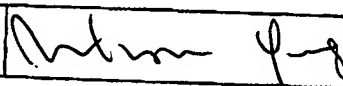
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number: 10/034,727	
		Filing Date: 12/26/2001	
		First Named Inventor: S. Banerjee	
		Group Art Unit: 1641	
SHEET 1 OF 1		Examiner Name: N. Yang	
		Attorney Docket Number: GEL-US	

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
M	6,730,515		Kocher	May 4, 2004

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Examiner Initials	Foreign Patent Documents			Date of Publication of Cited Document MM-DD-YYYY	Translation
	Office	Number	Kind Code (if known)		

Examiner Signature		Date Considered	6/14/05
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